



07/25/03

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Our File No. 9281/4613
Client Reference No. S US02147

PATENT APPLICATION TRANSMITTAL LETTER

To the Commissioner for Patents:

Transmitted herewith for filing is the patent application of Takeo Suzuki for Television Tuner Which Operates at Low Voltage.

Enclosed are:

- Preliminary Amendment
- 16 pages of application (including title page and Abstract), 3 sheets of formal drawings and the following Appendices: N/A
- Declaration and Power of Attorney for Patent Application
- Assignment transmittal letter and Assignment of the invention to: ALPS Electric Co., Ltd.
- Submission of Certified Copy of Priority Document and certified copy of Japanese Application No. 2002-230443
- Information Disclosure Statement, PTO-1449, and reference A1.

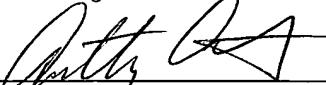
Claims as Filed	Col. 1	Col. 2
For	No. Filed	No. Extra
Basic Fee		
Total Claims	6-20	0
Indep. Claims	1-3	0
Multiple Dependent Claims Present		

*If the difference in col. 1 is less than zero,
enter "0" in col. 2.

Small Entity		Other Than Small Entity	
Rate	Fee	Rate	Fee
	\$ 370		\$ 750
x\$9=	\$		
x\$42=	\$		
+\$140=	\$		
Total	\$	Total	\$ 750

- Please charge my Deposit Account No. 23-1925 in the amount of \$_____. A duplicate copy of this sheet is enclosed.
- A check in the amount of \$750.00 to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
 - Any additional filing fees required under 37 CFR § 1.16.
 - Any patent application processing fees under 37 CFR § 1.17.
- The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
 - Any filing fees under 37 CFR § 1.16 for presentation of extra claims.
 - Any patent application processing fees under 37 CFR § 1.17.
 - The issue fee set in 37 CFR § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.311(b).

7/25/03


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 BRINKS HOFER GILSON & LIONE
 Registration No. 46,193



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